FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

		NSMITTAL LETTER TO THE UNITED STATES ESIGNATED/ELECTED OFFICE (DO/EO/US)	ATTORNEY'S DOCKET NUMBER										
		ONCERNING A FILING UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (Proof), \$5 31c (9.77) 0 9 Unassigned										
INT		DNAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED										
	PCT/EP2	003/005516 05/26/2003	07/04/2002										
	TITLE OF INVENTION HEAT EXCHANGER, PARTICULARLY A CHARGE-AIR COOLER FOR MOTOR VEHICLES												
APF	APPLICANT(S) FOR DO/EO/US												
App	Karsten EMRICH, Reinhard HEINE and Andre SCHAIRER Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
1.	\boxtimes	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.											
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.											
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.											
4.		The US has been elected (Article 31).											
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371(c)(2))											
		is attached hereto (required only if not communicated by the International Bureau).											
1	•	is not required, as the application was filed in the United States Receiving Office (RO/US)											
6.	· 🛭 •	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4).											
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not transmitted by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made.											
8.		An English language translation of the amendments to the claims under	er PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).											
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).											
iten	ns 11 to 2	20 below concern other document(s) or information included:											
11.	\boxtimes	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.											
12.		An assignment document for recording. A separate cover sheet in cor	npliance with 37 CFR 3.28 and 3.31 is included.										
13.	_	A preliminary amendment.											
14.	\boxtimes	An Application Data Sheet under 37 CFR 1.76.											
15.		A substitute specification.											
16.	_	A power of attorney and/or change of address letter.											
17.		A computer-readable form of the sequence listing in accordance with P											
18.	_	A second copy of the published international application under 35 U.S.C											
19. 20.		A second copy of the English language translation of the international a Other items or information:	pplication under 35 U.S.C. 154(d)(4).										
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002.1318102.1 FORM PTO-1390 (Modified)

U.S. APPLICATION NO FINANCE Unassigned	in lege of de	Y'S DOCKET NUMBER 56-0104								
21. A The following fees are submitted:										
a) Basic national f		300.00	\$	300.00						
b) Examination fee	Э				200.00	\$	200.00			
C) Search fee					500.00	\$	500.00			
TOTAL OF				· · · · · · · · · · · · · · · · · · ·	1000.00	\$	1000.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.										
Total Sheets Extra sheets Nu			umber of each additional 50 or fraction RATE ereof (round up to a whole number)							
22 - 100 = 0 /50 =			0 x \$:			\$	0.00			
Surcharge of \$130.00 f	0.00									
from the earliest claime										
CLAIMS	NUMBER FILED		NUMBER EXTRA	RATE	ſΕ			<u> </u>		
Total Claims	14	- 20 =	0	x \$	50.00	\$	0.00			
Independent Claims	1	- 3 =	0	x \$	200.00	\$	0.00			
MULTIPLE DEPENDE	NT CLAIM	S) (if app	licable)	+\$	360.00	\$	-			
			TOTAL OF ABOV	E CALCI	JLATIONS =	\$	1000.00	L		
☐ Applicant claim	s small ent	ity status	. See 37 CFR 1.27. The f	ees indica	ated +	\$	0.00			
above are redu										
				S	UBTOTAL =	\$	1000.00			
Processing fee of 130.0 from the earliest claime		_	English translation later th FR 1.492(f)).	an 30 mo	nths	\$				
			TOTA	AL NATIO	DNAL FEE =	\$ 1000.00				
Fee for recording the er	nclosed as	signment	(37 CFR 1.21(h)). The as	signment	must be	\$				
accompanied by an app	oropriate o	over shee	et (37 CFR 3.28, 3.31). 40	.00 per pi	roperty					
		\$ 1000.00								
							Amount to be refunded:			
							charged:			
a. 🛛 A check in	the amou	nt of <u>\$1</u>	000.00 to cover the abo	ove fees	is enclosed.					
	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u> . A duplicate copy of this sheet is enclosed.									
information	information should not be included on this form. Provide credit card information and authorization on PTO-									
2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR										
1	t be filed	and gra	anted to restore the a	pplication	on to pe n din	g sta	itus.			
		_			1/1/1	<u> </u>		/		
SEND ALL CORRES	Malwall									
			SIGNATURE							
Foley & Lardner LLP			Richard			L. Schwaab				
Customer Number: 22428 NAME										
_25,479										
REGISTR							ATION NUMBER			